Study Areas – Midterm #3

Know mass wasting processes use water

Know the energy transfer processes

Know what subsidence is

Know what contributes to the failure of a slope

Know what kind of tools are used to forecast hurricanes

Know what can be done to decrease the incidence of landslides

Know what latent heat is

Know what can cause ground subsidence

Know which way wind circulates around a low pressure in the Northern Hemisphere

Know how urbanization increases the incidences of landslides

Know what karst topography is

Know what a Nor-Easter is classified as

Know what is humidity is

Know when the hurricane season is for the US and the Gulf Coasts

Know how karst landscapes are beneficial to humans

Know what the major gases of the atmosphere are

Know how hurricanes are named

Know why and how clouds are formed

Know where you are most likely to experience an extratropical cyclone in the U.S.

Know where tornadoes usually happen in the U.S.

Know which slopes have a potential for mass wasting

Know why people will take appropriate action if a hurricane is coming

Know how often subsidence occurs

Know what energy is used for

Know what kinds of fronts are associated with extratropical cyclones

Know the different factors associated with mass wasting

Know which way cyclones turn due to the Coriolis affect in both hemispheres

Know how much subsidence happens in the US

Know why mass wasting might happen on a slope

Know what it is like in the eye of a hurricane

Know what kinds of formations are vulnerable to sinkholes and caves

Know what kind of special weather events hurricanes can span once they move on land

Know what can decrease the chances of landslides on slopes

Know what kind of heat is needed to change liquid to gas or ice to liquid

Know where landslides are common in the US

Know the earth’s energy balance

Know why sinkholes can happen because of the disturbance in the weather

Know the kind of clouds associated with thunderstorms

Know what kind of weather is associated with a low pressure

Know where extratropical cyclones can form before they make landfall

Know the life cycle of a extratropical cyclone

Know the three types of clouds and what they look like-- pictures are worth a thousand words

Know how to describe a landslide, what makes it happen and how it happens

Know where the formation of a hurricane found in the Gulf or the on the East Coast is and how and what does it do once formed

Know what rocks are especially susceptible to dissolution